

**APPARATUS, METHODS AND ARTICLES OF MANUFACTURE FOR A**  
**MULTI-BAND SWITCH**

**ABSTRACT OF THE DISCLOSURE**

[0030] A single-die multi-band switch includes a plurality of transmitter ports and a plurality of receiver ports, any one of which is selected to be connected to an antenna port. At least some of these switching topologies use a branched or cascaded switching system in order to reduce signal insertion loss. It is preferred that the individual switching elements be field effect transistors. The switching topologies employed include series-connected groups of transistors and interdigitated FETs.